

**Notice of Allowability**

Applicati n No.

10/042,305

Examiner

Nguyen N Hanh

Applicant(s)

SUNAGA ET AL.

Art Unit

2834

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendments filed on 12/3/03.
2. ☒ The allowed claim(s) is/are 1 and 4-15.
3. ☒ The drawings filed on 11 January 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
  - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)          |
| 2 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____             |
| 3 <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No. _____  | 7 <input type="checkbox"/> Examiner's Amendment/Comment                             |
| 4 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
|   | 9 <input type="checkbox"/> Other  |

## **DETAILED ACTION**

### ***Remarks***

1. In view of amendments and indicated allowable subject matter in previous Office Action, the Examiner withdraws the objections to the drawings and the specification. The Examiner also withdraws the rejection under 35 U.S.C 103(a) to claims 1 and 2. Therefore, all the remaining claims are in a condition for allowance.

### ***Allowable Subject Matter***

2. Claims 1 and 4-15 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter: the prior art of record does not teach or suggest the claimed brushless motor including first and second circuit sections and:

“a fuse member electrically connecting the first circuit section and the second circuit section, an end portion of the fuse member being welded with the first circuit section, the other end portion of the fuse member being soldered with second circuit section, the fuse member cutting an electrical connection between the first circuit section and the second circuit section when a temperature of a part of the second circuit section becomes higher than a predetermined temperature” as in claim 14; or

“a fuse member comprising a first end portion welded with the first circuit section, a second end portion soldered with the second circuit section and an intermediate elastic portion which is elastically deformed when the second end portion is soldered with the second circuit section, the second end portion being released from

the second circuit section when solder connecting the second end portion and the second circuit section is melted" as in claim 15; or

"a fuse member wherein the fuse member is made of elastic and electro-conductive material, wherein a first end portion of the fuse member is fixed on the wiring metal piece of the first circuit portion, wherein an other end portion of the fuse member is soldered with the wiring pattern by means of solder which melts at the predetermined temperature, wherein the other end portion of the fuse member is inserted into a through hole formed on the printed wiring board, and wherein the other end portion of the fuse member is soldered with the wiring pattern formed on a back of a surface of the printed wiring board which is opposite to the wiring metal piece" as in claim 1.

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh N Nguyen whose telephone number is (703) 305-3466. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on (703) 308-1371. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

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HNN

January 5, 2004

A handwritten signature in black ink, appearing to read "B. Mullins", with a stylized flourish at the end.

BURTON S. MULLINS  
PRIMARY EXAMINER